

## EXISTING CONDITIONS

### ***Mekia Street***

*Mekia Street was the focus of the study. This is a 20-foot paved roadway with a 40-foot right-of-way. This unimproved roadway has no curb or gutter, paved sidewalk or continuous landscape strip. People park in the unimproved sidewalk areas. The road is straight and long with no stopping points until the intersection with Kakaina Street.*

<b>Volume:</b>	<b>Not Available</b>
<b>Speed:</b>	<b>36 mph (85%)</b>
<b>Posted:</b>	<b>25 mph</b>
<b>Pavement width:</b>	<b>20 ft</b>
<b>Right -of-Way</b>	<b>40 ft</b>



### ***Poalima Street***

*Poalima Street parallels Mekia Street and eventually curves around and intersects with Mekia Street at the mauka end. Poalima Street has 20 foot wide pavement with a 40-foot right-of-way. This neighborhood street has no paved sidewalks or landscaped strip between the right-of-way and the edge of paving.*

<b>Volume:</b>	<b>Not Available</b>
<b>Speed:</b>	<b>37 mph (85%)</b>
<b>Posted:</b>	<b>25 mph</b>
<b>Pavement Width:</b>	<b>20 ft</b>



### ***Kakaina Street***

*Kakaina Street intersects with Mekia Street at a 40-degree angle which helps produce higher speeds at the intersection and limits sight distances. Kakaina Street is also 20 feet wide and is more rural with fewer homes. Kakaina Street is one of the arterial streets that parallel the Koolau Mountains.*

<b>Volume:</b>	<b>N/A</b>
<b>Speed</b>	<b>N/A</b>
<b>Posted:</b>	<b>25 mph</b>
<b>Pavement Width:</b>	<b>20 feet</b>



## EXISTING CONDITIONS

### ***Mekia Street and Kakaina Street***

*Mekia and Kakaina Streets intersect at the mauka end of Mekia Street. As the streets merge together, motorists traveling on Kakaina Street toward the intersection are supposed to stop. Since Mekia Street is the through road, there are no markings or signs for its motorists. The angle of this intersection confuses drivers and limits their sight distance.*

**Volume:**  
**Speed** 41 mph (85%)  
**Posted:** 25 mph  
**Pavement Width:** 40 feet



### ***Parking on Mekia Street***

*Although most homes on Mekia Street have driveways and even garages, many people park just off the edge of the road on the planter strip, which does not help slow traffic down. When there are multiple drivers in a household, on-street parking is a good option since on-street parking makes lanes appear narrower resulting in lower speeds.*

**Volume:**  
**Speed** 36 mph (85%)  
**Posted:** 25 mph  
**Pavement Width:** 20 feet



### ***Kalanianole Highway***

*Kalanianole Highway is the makai border of the Mekia Street neighborhood. This State Highway is always very busy as it is the main access to the beach, commercial areas, schools and the only direct route in and out of Waimanalo. The highway is a two lane road posted at 25 miles per hour in this area.*

**Volume:**  
**Speed** 35 mph (85%)  
**Posted:** 25 mph  
**Pavement Width:** 36 feet

